

FORM PTO-1390 (Modified)  
(REV 11-98)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S FIRM NUMBER

## TRANSMITTAL LETTER TO THE UNITED STATES

NAK1-BN

DESIGNATED/ELECTED OFFICE (DO/EO/US)

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR

CONCERNING A FILING UNDER 35 U.S.C. 371

09/744227

INTERNATIONAL APPLICATION NO.  
PCT/JP00/03154INTERNATIONAL FILING DATE  
May 17, 2000PRIORITY DATE CLAIMED  
May 20, 1999

TITLE OF INVENTION

METHOD OF PRODUCING GAS DISCHARGE PANEL

APPLICANT(S) FOR DO/EO/US

Hidetaka Hiroshino et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
- ☒ A copy of the International Search Report (PCT/ISA/210).
- ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
- ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
- ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
- ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
- ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 13 to 20 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A change of power of attorney and/or address letter.
19. ☒ Certificate of Mailing by Express Mail
20. ☒ Other items or information:

Copy of PCT Request

Copy of International Publication

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.492(a)(1)) **09/744227** INTERNATIONAL APPLICATION NO. **PCT/JP00/03154** ATTORNEY'S DOCKET NUMBER **NAK1-BN65**

21. The following fees are submitted:
- BASIC NATIONAL FEE ( 37 CFR 1.492 (a) (1) - (5) ) :**
- ☐ Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... **\$1,000.00**
  - ☒ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... **\$860.00**
  - ☐ International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... **\$710.00**
  - ☐ International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... **\$690.00**
  - ☐ International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) ..... **\$100.00**

CALCULATIONS PTO USE ONLY	

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

<b>\$860.00</b>	
<b>\$0.00</b>	

Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492 (e)). ☐ 20 ☐ 30

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	49 - 20 =	29	x \$18.00
Independent claims	3 - 3 =	0	x \$80.00

<b>\$522.00</b>	
<b>\$0.00</b>	
<b>\$0.00</b>	

Multiple Dependent Claims (check if applicable). ☐

**TOTAL OF ABOVE CALCULATIONS =**

<b>\$1,382.00</b>	
<b>\$0.00</b>	

Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28) (check if applicable). ☐

**SUBTOTAL =**

<b>\$1,382.00</b>	
<b>\$0.00</b>	

Processing fee of \$130.00 for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492 (f)). ☐ 20 ☐ 30

**TOTAL NATIONAL FEE =**

<b>\$1,382.00</b>	
<b>\$40.00</b>	

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). ☒

**TOTAL FEES ENCLOSED =**

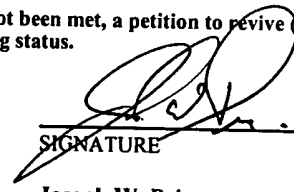
<b>\$1,422.00</b>	
Amount to be refunded	\$
charged	\$

- ☒ A check in the amount of **\$1,422.00** to cover the above fees is enclosed.
- ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. **16-2462** A duplicate copy of this sheet is enclosed.

**NOTE:** Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.

**SEND ALL CORRESPONDENCE TO:**

Joseph W. Price, Reg. No. 25,124  
PRICE AND GESS  
2100 S.E. Main St., Ste. 250  
Irvine, CA 92614  
Tel: 949/261-8433  
Fax: 949/261-9071

  
SIGNATURE  
**Joseph W. Price**  
NAME  
**25,124**  
REGISTRATION NUMBER  
**January 22, 2001**  
DATE

JOSEPH W. PRICE  
ALBIN H. GESS  
MICHAEL J. MOFFATT  
GORDON E. GRAY III  
BRADLEY D. BLANCHE  
J. RONALD RICHEBOURG

OF COUNSEL  
JAMES F. KIRK

# PRICE AND GESS

ATTORNEYS AT LAW

2100 S.E. MAIN STREET, SUITE 250  
IRVINE, CALIFORNIA 92614-6238

09/744227

JOE2 Rec'd PCT/PTO 22 JAN 2001

A PROFESSIONAL CORPORATION  
TELEPHONE: (949) 261-8433  
FACSIMILE: (949) 261-9072  
FACSIMILE: (949) 261-1726

e-mail: pgu@pgulaw.com

## FORM PTO 1449 WITH REFERENCES

Applicant(s): Hidetaka Higashino et al.  
Title: METHOD OF PRODUCING GAS DISCHARGE PANEL  
Attorney's  
Docket No.: NAK1-BN65

**"EXPRESS MAIL" MAILING**  
**LABEL NO. EL227718334US**

**DATE OF DEPOSIT: January 22, 2001**

09/744227

**PRICE AND GESS**

ATTORNEYS AT LAW

2100 S.E. MAIN STREET, SUITE 250

IRVINE, CALIFORNIA 92614-6238

J002 Rec'd PCT/PTO 22 JAN 2001

JOSEPH W. PRICE  
ALBIN H. GESS  
MICHAEL J. MOFFATT  
GORDON E. GRAY III  
BRADLEY D. BLANCHE  
J. RONALD RICHEBOURG

OF COUNSEL  
JAMES F. KIRK

A PROFESSIONAL CORPORATION  
TELEPHONE: (949) 261-8433  
FACSIMILE: (949) 261-9072  
FACSIMILE: (949) 261-1726

e-mail: pgu@pgulaw.com

**PRELIMINARY AMENDMENT**

✓ Applicant(s):

Hidetaka Higashino et al.

Title:

METHOD OF PRODUCING GAS DISCHARGE PANEL

Attorney's

Docket No.:

NAK1-BN65

**"EXPRESS MAIL" MAILING**  
**LABEL NO. EL227718334US**

**DATE OF DEPOSIT: January 22, 2001**

09/744227

JCS Rec'd PCT/PTO 22 JAN 2001

# PRICE AND GESS

ATTORNEYS AT LAW

2100 S.E. MAIN STREET, SUITE 250

IRVINE, CALIFORNIA 92614-6238

JOSEPH W. PRICE  
ALBIN H. GESS  
MICHAEL J. MOFFATT  
GORDON E. GRAY III  
BRADLEY D. BLANCHE  
J. RONALD RICHEBOURG

OF COUNSEL  
JAMES F. KIRK

A PROFESSIONAL CORPORATION  
TELEPHONE: (949) 261-8433  
FACSIMILE: (949) 261-9072  
FACSIMILE: (949) 261-1726

e-mail: [pgu@pgulaw.com](mailto:pgu@pgulaw.com)

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371**

Applicant(s): Hidetaka Higashino et al.  
Title: METHOD OF PRODUCING GAS DISCHARGE PANEL  
Attorney's  
Docket No.: NAK1-BN65

**"EXPRESS MAIL" MAILING**  
**LABEL NO. EL227718334US**

**DATE OF DEPOSIT: January 22, 2001**

# PRICE AND GESS

ATTORNEYS AT LAW

JOSEPH W. PRICE  
ALBIN H. GESS  
MICHAEL J. MOFFATT  
GORDON E. GRAY III  
BRADLEY D. BLANCHE  
J. RONALD RICHEBOURG

2100 S.E. MAIN STREET, SUITE 250  
IRVINE, CALIFORNIA 92614-6238

A PROFESSIONAL CORPORATION .....  
TELEPHONE: (949) 261-8433  
FACSIMILE: (949) 261-9072  
FACSIMILE: (949) 261-1726

OF COUNSEL  
JAMES F. KIRK

e-mail: [pgu@pgulaw.com](mailto:pgu@pgulaw.com)

## **DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

Applicant(s): Hidetaka Higashino et al.  
Title: METHOD OF PRODUCING GAS DISCHARGE PANEL  
Attorney's  
Docket No.: NAK1-BN65

**"EXPRESS MAIL" MAILING**  
**LABEL NO. EL227718334US**

**DATE OF DEPOSIT: January 22, 2001**

09/744227

**PRICE AND GESS**

ATTORNEYS AT LAW

2100 S.E. MAIN STREET, SUITE 250

IRVINE, CALIFORNIA 92614-6238

JOSEPH W. PRICE  
ALBIN H. GESS  
MICHAEL J. MOFFATT  
GORDON E. GRAY III  
BRADLEY D. BLANCHE  
J. RONALD RICHEBOURG

OF COUNSEL  
JAMES F. KIRK

**22 JAN 2001**  
RECEIVED PCT/PTO  
A PROFESSIONAL CORPORATION  
TELEPHONE: (949) 261-8433  
FACSIMILE: (949) 261-9072  
FACSIMILE: (949) 261-1726

e-mail: [pgu@pgulaw.com](mailto:pgu@pgulaw.com)

**DRAWINGS - EIGHT (8) SHEETS**

Applicant(s): Hidetaka Higashino et al.  
Title: METHOD OF PRODUCING GAS DISCHARGE PANEL  
Attorney's  
Docket No.: NAK1-BN65

**"EXPRESS MAIL" MAILING**  
**LABEL NO. EL227718334US**

**DATE OF DEPOSIT: January 22, 2001**

JOSEPH W. PRICE  
ALBIN H. GESS  
MICHAEL J. MOFFATT  
GORDON E. GRAY III  
BRADLEY D. BLANCHE  
J. RONALD RICHEBOURG

OF COUNSEL  
JAMES F. KIRK

**PRICE AND GESS**

ATTORNEYS AT LAW

2100 S.E. MAIN STREET, SUITE 250  
IRVINE, CALIFORNIA 92614-6238

09/744227

Rec'd PCT/PTO

22 JAN 2001

A PROFESSIONAL CORPORATION  
TELEPHONE: (949) 261-8433  
FACSIMILE: (949) 261-9072  
FACSIMILE: (949) 261-1726

e-mail: pgu@pgulaw.com

**SPECIFICATION, CLAIMS, AND ABSTRACT**  
**WITH VERIFICATION OF TRANSLATION**  
**EIGHTY-ONE (81) PAGES**

Applicant(s): Hidetaka Higashino et al.  
Title: METHOD OF PRODUCING GAS DISCHARGE PANEL  
Attorney's  
Docket No.: NAK1-BN65

**"EXPRESS MAIL" MAILING**  
**LABEL NO. EL227718334US**

**DATE OF DEPOSIT: January 22, 2001**



JOSEPH W. PRICE  
ALBIN H. GESS  
MICHAEL J. MOFFATT  
GORDON E. GRAY III  
BRADLEY D. BLANCHE  
J. RONALD RICHEBOURG

OF COUNSEL  
JAMES F. KIRK

**PRICE AND GESS**

ATTORNEYS AT LAW

2100 S.E. MAIN STREET, SUITE 250

IRVINE, CALIFORNIA 92614-6238

09/744227

J002 Rec'd PCT/PTO 22 JAN 2001

A PROFESSIONAL CORPORATION

TELEPHONE: (949) 261-8433

FACSIMILE: (949) 261-9072

FACSIMILE: (949) 261-1726

e-mail: pgu@pgulaw.com

**INTERNATIONAL SEARCH REPORT**

Applicant(s): Hidetaka Higashino et al.  
Title: METHOD OF PRODUCING GAS DISCHARGE PANEL  
Attorney's  
Docket No.: NAK1-BN65

**"EXPRESS MAIL" MAILING**  
**LABEL NO. EL227718334US**

**DATE OF DEPOSIT: January 22, 2001**

JOSEPH W. PRICE  
ALBIN H. GESS  
MICHAEL J. MOFFATT  
GORDON E. GRAY III  
BRADLEY D. BLANCHE  
J. RONALD RICHEBOURG

OF COUNSEL  
JAMES F. KIRK

# PRICE AND GESS

ATTORNEYS AT LAW

2100 S.E. MAIN STREET, SUITE 250  
IRVINE, CALIFORNIA 92614-6238

09/744227

J002 Rec'd PCT/PTO

22 JAN 2001

A PROFESSIONAL CORPORATION  
TELEPHONE: (949) 261-8433  
FACSIMILE: (949) 261-9072  
FACSIMILE: (949) 261-1726

e-mail: pgu@pgulaw.com

## PCT APPLICATION

Applicant(s): Hidetaka Higashino et al.  
Title: METHOD OF PRODUCING GAS DISCHARGE PANEL  
Attorney's  
Docket No.: NAK1-BN65

**"EXPRESS MAIL" MAILING**  
**LABEL NO. EL227718334US**

**DATE OF DEPOSIT: January 22, 2001**

09/744227

PRICE AND GESS

ATTORNEYS AT LAW

2100 S.E. MAIN STREET, SUITE 250

IRVINE, CALIFORNIA 92614-6238

J002 Rec'd PCT/PTO

22 JAN 2001

A PROFESSIONAL CORPORATION

TELEPHONE: (949) 261-8433

FACSIMILE: (949) 261-9072

FACSIMILE: (949) 261-1726

e-mail: pgu@pgulaw.com

JOSEPH W. PRICE  
ALBIN H. GESS  
MICHAEL J. MOFFATT  
GORDON E. GRAY III  
BRADLEY D. BLANCHE  
J. RONALD RICHEBOURG

OF COUNSEL  
JAMES F. KIRK

PCT PUBLICATION

Applicant(s):

Hidetaka Higashino et al.

Title:

METHOD OF PRODUCING GAS DISCHARGE PANEL

Attorney's

Docket No.:

NAK1-BN65

"EXPRESS MAIL" MAILING  
LABEL NO. EL227718334US

DATE OF DEPOSIT: January 22, 2001